

GROUNDWATER INDEX

Page 1 of 1

County Fergus Twp. 1970 Rge. 15 E

[illegible]

File No. 17262

DUPLICATE

Approved Stock Form - State Publishing Co., Helena, Montana - 24667

T 19 R 15
County *Fergus*

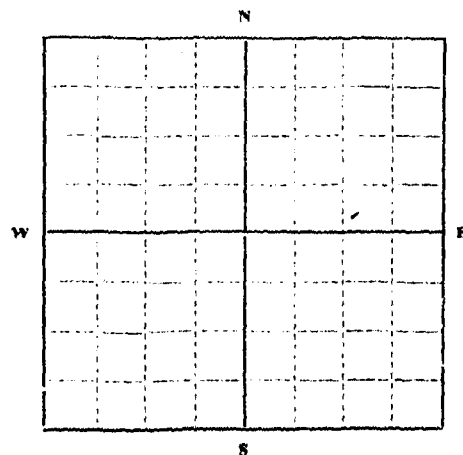
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 2 1964
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. *Otto Rosen Jr.* of *Denton*
(Name of Appropriator) (Address) (Town)
County of *Fergus* State of *Montana*
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE 1/4 NE 1/4 Sec. 13 T. 19 R. 14

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based *stockwater*

3. Date or approximate date of earliest beneficial use; and how continuous the use has been *April, 1940*

4. The amount of groundwater claimed (in miner's inches or gallons per minute) *2 gal per minute*

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof *none*

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal *natural flow*

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater *April 1940*

8. The depth of water table *surface to 4 ft*

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater *hole laid 4 ft*

10. The estimated amount of groundwater withdrawn each year *1,051,200*

11. The log of formations encountered in the drilling of each well if available

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Signature of Owner *Otto Rosen Jr.*
Date *Dec 30, 1963*

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

17192

17262

State of Montana, }
County of Esmeralda } ss.
DEC 30 1963

Filed _____ 19____
at 12:05 o'clock P. M.

Wm. R. Patton
County Clerk and Recorder

200-100

17253

File No.

T. 19 R. 1

DUPLICATE

County Lehigh

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

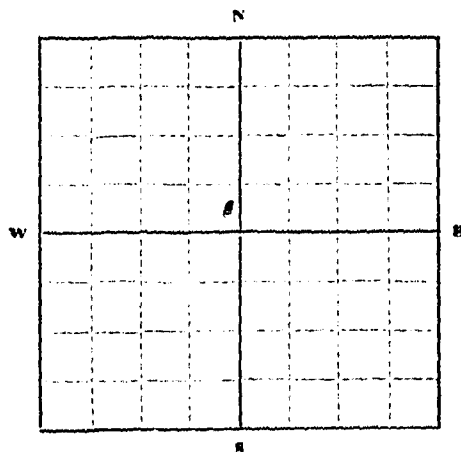
RECEIVED
JAN 2 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Orville Foster Jr. of Centon
(Name of Appropriator) (Address) (Town)
County of Lehigh State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE 1/4 NW 1/4 Sec. 18 T. 11 R. 15

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based stock water house water garden irrigation
3. Date or approximate date of earliest beneficial use; and how continuous the use has been date not known but it has been in use at least 40 years
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 10 gallons per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof 5 acre garden & lawn
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Centonfeger jet pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater date not known
8. The depth of water table 11 ft
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater dig well 1 ft across, 1 ft deep
10. The estimated amount of groundwater withdrawn each year
11. The log of formations encountered in the drilling of each well if available 500,000 gals shale & gravel
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Signature of Owner Orville Foster Jr.

Date Dec 30 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

17193

17263

COPY

State of Montana, }
County of Fergus, }

DEC 30 1963

Filed _____ 19____
at 12:05 o'clock P. M.

May Glatthorn
County Clerk and Recorder

*2nd pt

File No. 17215

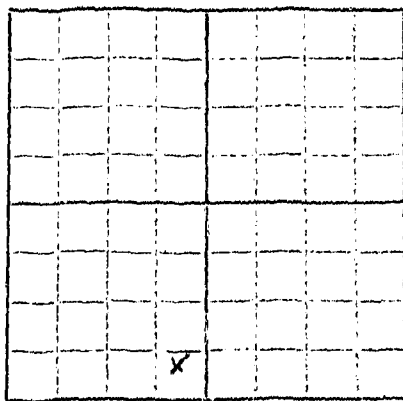
DUPLICATE

T. 19 R. 15County TheriotSTATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEERRECEIVED
JAN 2 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

Mildred S. Ayers, of Beaumont
 (Name of Appropriator) (Address) (Town)
 County of Theriot State of Montana
 have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

SE $\frac{1}{4}$ SW Sec. 21 T. 19 R. 15

Indicate point of appropriation
 and place of use, if possible.
 Each small square represents 10
 acres.

2. The beneficial use on which the claim is based. House & stock water
3. Date or approximate date of earliest beneficial use; and how continuous the use has been. October 1913
4. The amount of groundwater claimed (in miner's inches or gallons per minute). 30 gal per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof. not applicable
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. Electric pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. October 1913
8. The depth of water table. 30 feet
9. So far as it may be available, the type, size and depth of each well, or the general specifications of any other works for the withdrawal of groundwater. Hand dug well about 4 feet in diameter and 30 feet deep
10. The estimated amount of groundwater withdrawn each year. 300,000 gallons
11. The log of formations encountered in the drilling of each well if available. not applicable
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record. not applicable

Signature of Owner

Mildred S. AyersDate 12/26/13

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

17147

17215

COPY

State of Indiana,
County of Putnam }

Filed.....DEC 30 1953.....19
at 10:00.....o'clock A.M.
Larry Blanton
County Clerk and Recorder

200 ph

File No. DI(4)

DUPLICATE

Approved Stock Form: State Publishing Co., Helena, Montana—34487

T. 19N R. 15E MPM

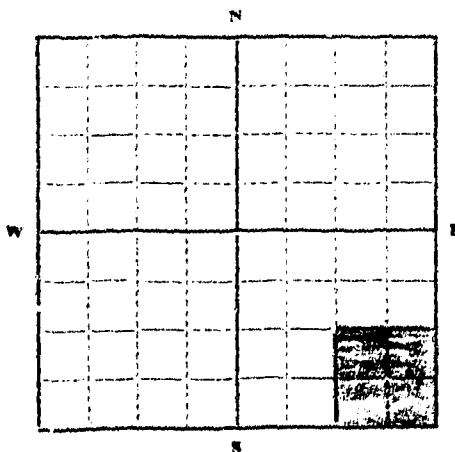
Fergus

County Judith Basin

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

1. United States of America of c/o U. S. Corps of Engineers
(Name of Appropriator) Box 1425, Great Falls, Montana (Address) (Town)
County of Cascade State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE 1/4 Sec. 28, T19N R15E MPM

Indicate point of appropriation
and place of use, if possible.
Each small square represents 10
acres.

2. The beneficial use on which the claim is based.
Domestic use
3. Date or approximate date of earliest beneficial use; and how continuous the use has been.
21 October 1960
Continuous use
4. The amount of groundwater claimed (in miner's inches or gallons per minute).
2 gallons per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof.
None
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.
Electrical lift pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.
Started - 24 September 1960
Completed - 21 October 1960
8. The depth of water table.
1196 feet
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater.
Drilled vertical well - 1585 feet
10. The estimated amount of groundwater withdrawn each year.
2880 gallons
11. The log of formations encountered in the drilling of each well if available.
Shale, sandstone and bentonite
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.

UNITED STATES OF AMERICA

By John E. Ritchie, Actg. Chief

Signature of Owner. Great Falls Real Estate Ofc

Date USCE, Seattle District

Date 10 April 1962

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

9541

COPY

State of New York
County of Albany

Filed APR 26 1962

at 11:15 o'clock A.M.

Wm. R. Rathbone
County Clerk and Recorder

820 pr

GROUNDWATER INDEX

Page 1 of 1

County Fergus Twp. 19th Rge. 14 E

[illegible]

GW

File No. 16837

DUPLICATE

T. 19N R. 16E

County Fergus

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

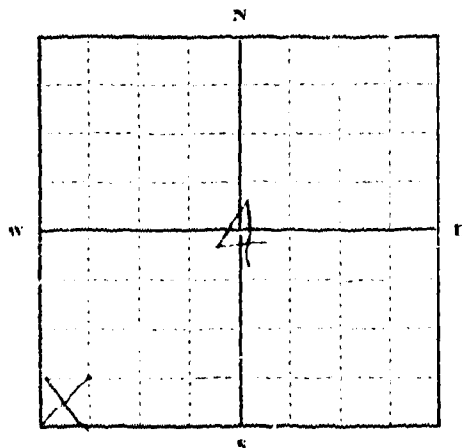
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

Estate of Mina A. Robinson, Deceased

1. By: Charles M. Glass, Agent of Denton
(Name of Appropriator) (Address) (Town)

County of Fergus State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 4 T. 19N R. 16E

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based Livestock

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1950--continuous

4. The amount of groundwater claimed (in miner's inches or gallons per minute) gallon per minute

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof None

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal pipe and cylinder

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Fall of 1950

8. The depth of water table 270 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 4 inch casing

10. The estimated amount of groundwater withdrawn each year 91,250 gallons

11. The log of formations encountered in the drilling of each well if available Shale, probably Eagle sandstone

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

ESTATE OF MINA A. ROBINSON, DECEASED

By: Charles M. Glass
Signature of Owner Agent

Date December 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

September 14 66

(NOTARIAL SEAL)

16837

COPY

State of Montana, } ss.
County of Fergus.
Filed DEC 17 1963 19____
at 2:55 o'clock P. M.
Way Radtke
County Clerk and Recorder
820 ph.

File No. 17444

T. R. L.

DUPLICATE

County

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

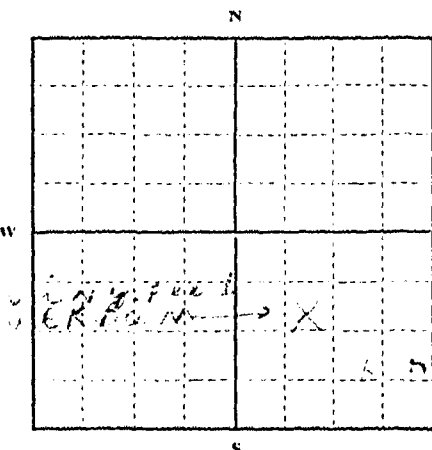
RECEIVED
MAR 3 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. I, Thomas R. L., of Bozeman (Name of Appropriator) (Address) (Town)
County of Fergus State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



1/4 Sec. 12, T. 22 N. R. 16 E.

Indicate point of appropriation and place of use, if possible. Each small square represents 20 acres.

2. The beneficial use on which the claim is based is for irrigation

3. Date or approximate date of earliest beneficial use, and how continuous the use has been 1923

4. The amount of groundwater claimed (in miner's inches or gallons per minute) small flows

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Electrically operated pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Dec 2 1964

8. The depth of water table 16 ft to 20 ft below surface

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 1 1/2 inch diameter electrically operated pump with 1/2 inch diameter pipe. The well is 10 feet deep and is located in the SE 1/4 of Sec. 12, T. 22 N. R. 16 E.

10. The estimated amount of groundwater withdrawn each year 1,000 to 2,000 gallons

11. The log of formations encountered in the drilling of each well if available

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record None

Signature of Owner Thomas R. L.

Date Mar 3 1964

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

17444 COPY

State of Montana, } ss.
County of Fergus.

DEC 3 1963

Filed

19

at 8:30 o'clock A.M.

#200 PL May Rathun
County Clerk and Recorder

16828

File No.

T. 19N R. 16E

DUPLICATE

County Fergus

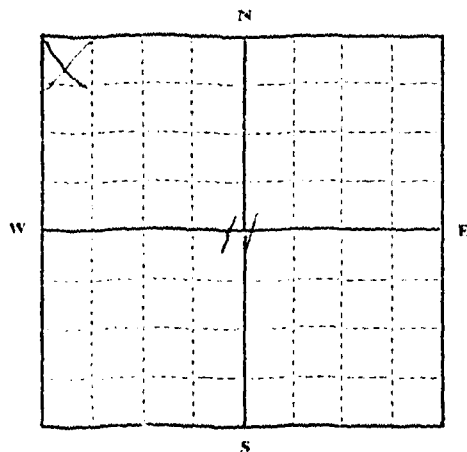
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED
DEC 18 1963
STATE ENGINEER

1. CHARLES and LUCILE GLASS, of Denton, (Name of Appropriator) (Address) (Town)
County of Fergus State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NW 1/4 Sec. 11 T. 19N R. 16E

Indicate point of appropriation
and place of use, if possible.
Each small square represents 10
acres.

2. The beneficial use on which the claim is based. Livestock, household, garden and yard irrigation
3. Date or approximate date of earliest beneficial use; and how continuous the use has been. January, 1936
4. The amount of groundwater claimed (in miner's inches or gallons per minute). 2 gallons per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof. garden and yard
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. depth well system
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. January, 1936
8. The depth of water table. 28 feet -- drill down to 42 feet
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. 6 inch hole with 5 inch casing
10. The estimated amount of groundwater withdrawn each year. 500,000 gallons
11. The log of formations encountered in the drilling of each well if available. water sand, Eagle sand
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.

Signature of Owner

Charles Glass

Date December 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

10056

OSCAR C. MUELLER

Lewistown, Montana

September 14 66

(NOTARIAL SEAL)

COPY 16828

COPY

State of Montana }
County of Park } ss.

Filed DEC 17 1963 19
at 10:50 o'clock A.M.

W. R. Rathbun
County Clerk and Recorder
2nd pt.

File No. 17446

DUPLICATE

T19N R16E

County Beaumont

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 3 1964

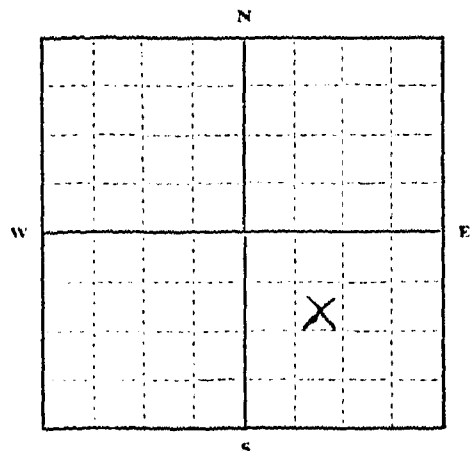
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

Travers L. Barber, of Denton
(Name of Appropriator) (Address) (Town)

County of Beaumont State of MONTANA
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



E. 1/4 Sec. 20, T19N R16E

Indicate point of appropriation
and place of use, if possible.
Each small square represents 10
acres.

2. The beneficial use on which the claim is based. Flooded
Shore Dam
3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1960, 1961, 1962
Dam, Flooded Shore Dam
4. The amount of groundwater claimed (in miner's inches or gallons per minute). 1,000,000,000,000
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof. NO
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. Flowing
Spring
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. The S. Dam was constructed in 1960
8. The depth of water table. 1.000,000,000,000
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. This is a Flowing Spring
and Run 2.0. Stream of water under the
water.
10. The estimated amount of groundwater withdrawn each year. 1,000,000,000,000
11. The log of formations encountered in the drilling of each well if available. NO
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record. NO

Signature of Owner Travers L. BarberDate Dec 9 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

17446

COPY

State of Montana, }
County of Fergus. } ss.

DEC 31 1963

Filed

at 9:30 o'clock A. M.

#200 A

Wesley Rothman
County Clerk and Recorder

Gw. _____

Approved Stock Form - State Publishing Co., Helena, Montana—41338

File No. _____

17447

T. 14 N. R. 12 E.

DUPLICATE

County _____

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED
JAN 5 1964
STATE ENGINEER

I, _____, of _____
(Name of Appropriator) (Address) (Town)

County of _____ State of _____
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

1/4 Sec. 2, T. 14 N. R. 12 E.

Indicate point of appropriation
and place of use, if possible.
Each small square represents 10
acres.

- The beneficial use on which the claim is based. _____
- Date or approximate date of earliest beneficial use; and how continuous the use has been. _____
- The amount of groundwater claimed (in miner's inches or gallons per minute). _____
- If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof. _____
- The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. _____
- The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. _____
- The depth of water table. _____
- So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. _____
- The estimated amount of groundwater withdrawn each year. _____
- The log of formations encountered in the drilling of each well if available. _____
- Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record. _____

Signature of Owner _____

Date _____

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

18919

17447 COPY

State of Montana. } ss.
County of Fergus.

Filed _____ DEC 31 1963 _____
at 8:30 o'clock A. M.

#2nd fl *Wm Rathbun*
County Clerk and Recorder

File No.

T. 17 R. 16

DUPLICATE

County Lehigh

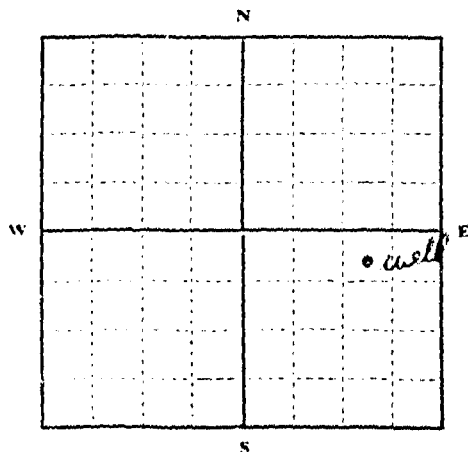
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED
DEC 15 1963
STATE ENGINEER

1. Robert T. Barker, of Butte
(Name of Appropriator) (Address) (Town)
County of Lehigh State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE 1/4 Sec 21 T. 17 R. 16

Indicate point of appropriation
and place of use, if possible.
Each small square represents 10
acres.

2. The beneficial use on which the claim is based home use
 3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1915 continuous
through 1963
 4. The amount of groundwater claimed (in miner's inches or gallons per minute) 3 gallons per minute
 5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal motor driven pump
 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater unknown
 8. The depth of water table surface level
 9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater deep well installed inside
and 30 feet deep in the bottom of a canyon
 10. The estimated amount of groundwater withdrawn each year 1,205,300
 11. The log of formations encountered in the drilling of each well if available unknown
 12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record none
- Signature of Owner Robert T. Barker
Date 12-5-63

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

10432

16819

COPY

State of Missouri } ss.
County of Jackson }

Filed DEC 17 1963 19
at 10:10 o'clock A. M.

May Rathbun
County Clerk and Recorder

*200 pr

File No. 17445

DUPLICATE

T. & A. R. Co.

County _____

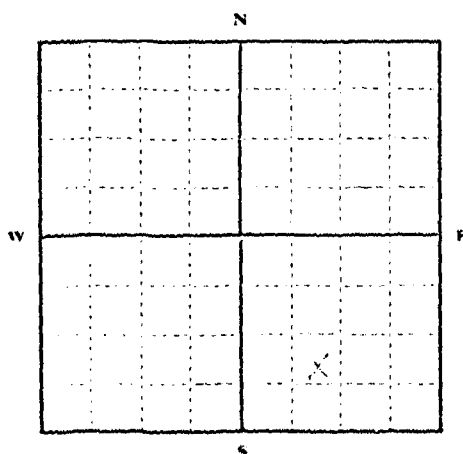
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED
JAN 5 1964
STATE ENGINEER

I, _____, of _____
(Name of Appropriator) (Address) (Town)
County of _____ State of _____
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



Section _____ Township _____ Range _____

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based _____
3. Date or approximate date of earliest beneficial use; and how continuous the use has been _____
4. The amount of groundwater claimed (in miner's inches or gallons per minute) _____
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof _____
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal _____
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater _____
8. The depth of water table _____
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater _____
10. The estimated amount of groundwater withdrawn each year _____
11. The log of formations encountered in the drilling of each well if available _____
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record _____

Signature of Owner _____

Date _____

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

18917

17445

COPY

State of Montana,
County of Fergus

Filed DEC 31 1963
at 8:30 o'clock A.M.

\$ 200.00 *Greg Rathman*
County Clerk and Recorder

GROUNDWATER INDEX

Page 1 of 1

County Fergus Twp. 19 N Rge. 17 E

[illegible]



T. 19N R. 17E
County Fergus

STATE ENGINEER MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

John Brown field, on
Owner Richard Jones property Address N. of Sulphur
Driller Geo. C. Inley Address Laurelton, Montana
Date Started April 27, 1923 Date Completed May 1, 1923
Location: Sec. 1 T. 19 R. 17 $\frac{1}{4}$ sec. SE $\frac{1}{4}$ NE $\frac{1}{4}$

Type of well Drilled Equipment used Cable Tool
(Dug, driven, bored, or drilled) (Churn drill, rotary, other)

Water use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

1' above ground Industrial ☐ Drainage ☐ Other: _____

Casing: _____ ft. to 35 ft. Type 5 & 5 Size 5 5/16 in

Casing: _____ ft. to _____ ft. Type _____ Size _____

Casing: _____ ft. to _____ ft. Type _____ Size _____

Perforated or Screened: Ft. 27 to ft. 57 Ft. _____ to ft. _____

Type of screen or perforations slots

Static Water level, for non-flowing well: _____ 30 feet.

Shut-in pressure, for flowing well: _____ lb./sq. in. on: _____ (date)

Pumping water level 57 feet at 3 gal. per min.

How tested: Surge

Length of test 1 hr.

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

Shoe on bottom of casing

(over)

Log of Well

State of Montana
 County of _____
 ss. I, J. B. _____
 Clerk of said Court, do hereby certify that
 the within and foregoing is a true and correct
 copy of the original as the same appears
 from the records of said Court.
 Witness my hand and seal of said Court
 at Helena, Montana, this _____ day of
 _____, 19____.
 J. B. _____
 Clerk of said Court.
 By _____
 Deputy Clerk of said Court.

95243

48575

42740 COPY

State of Montana.)
County of Fergus.) ss.
Filed JUN 4 1971
at 1:15 o'clock P. M.
Way Rathbun
County Clerk and Recorder
4200

File No.

17681

T. 19 R. 17

DUPLICATE

County. FCR 945

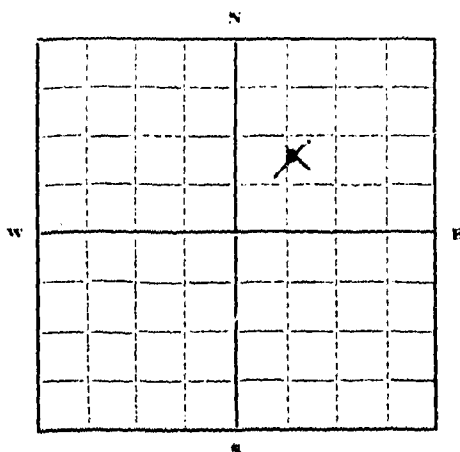
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 3 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961) STATE ENGINEER

1. Gerald J. JIMMERSON of Hilger (Name of Appropriator) (Address) (Town)
County of FCR 945 State of MONTANA
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW 1/4 NE Sec. 13 T. 19 R. 17

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based Stock
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1950
CONTINUED USE
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 50 gal. per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
NO IRRIGATION
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
MANUAL PUMP
SW 1/4 NE 1/4 Sec. 13 T. 19 R. 17
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1950
8. The depth of water table 70'
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater
DRILLED - 6" CASING (IRON)
150' DEEP
10. The estimated amount of groundwater withdrawn each year 60,000 GALLONS
11. The log of formations encountered in the drilling of each well if available NOT AVAILABLE
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record NONE

Signature of Owner

Gerald J. Jimmerson
Date Dec 30, 1962

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

19141

17681

State of Michigan
County of ...

COPY

Filed
at 2:10
J. J. ...

DE

83

19

MAY RATHBUN
County Clerk and Recorder

File No. 17682T. 19 R. 12

DUPLICATE

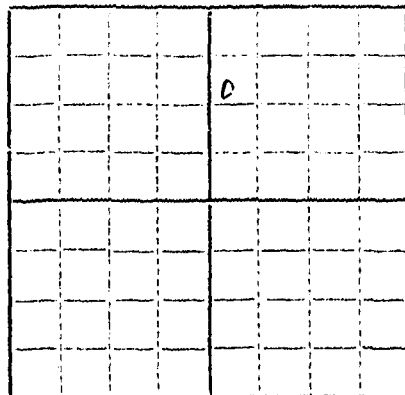
County Fergus

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Gerald J. JIMMERSON of Hilger (Name of Appropriator) (Address) (Town)
County of Fergus State of MONTANA
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NW $\frac{1}{4}$ NE Sec. 24 T. 19 R. 12

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based stock water
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1939
CONTINUED USE
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 50 gal. per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
No IRRIGATION
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
WINDMILL & MANUAL PUMP
NW $\frac{1}{4}$ NE $\frac{1}{4}$ SEC. 24 T. 19 R. 12
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1930
8. The depth of water table 20'
20'
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater Dug well 4' diameter
50' deep
10. The estimated amount of groundwater withdrawn each year 200,000 gallons
11. The log of formations encountered in the drilling of each well if available NOT AVAILABLE
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record NONE

Signature of Owner Gerald J. Jimmerson

Date Dec 30, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

19142

17682

COPY

Not a Notary Public
Not a Notary Public

Filed DEC 11 1904

at 2:10 o'clock P.M.

\$2.00

MAY BATHBUN
County Clerk and Recorder

CW:

File No. 112

T. 19 R. 17

24

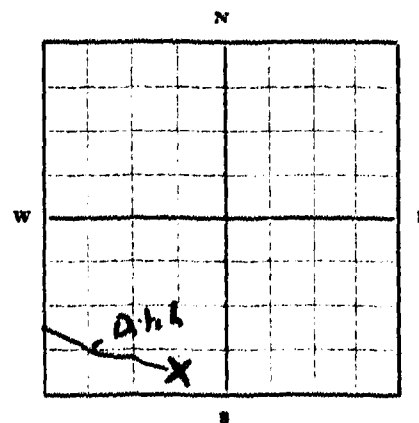
DUPLICATE

County Fergus

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Appropriation of Groundwater
(Under Chapter 237, Montana Session Laws, 1961)

1. We, Norman Bros. a partnership of Winifred, Montana
(Name of Appropriator) (Address) (Town)
County of Fergus, State of Montana, intend to appropriate groundwater in accordance with Chapter 237, Montana Session Laws of 1961.
2. The beneficial use to which water is to be applied is stock watering and irrigation
in Sections 28, 29, 33 and 34 of Township 19, Range 17 E. M.P.M.
(describe lands to be benefited, if for irrigation)
3. The rate of use in gallons per minute or miner's inches of groundwater claimed 250
miner's inches.
4. The annual period (inclusive dates) of intended use May 1, to October 31.
5. The probable or intended date of first beneficial use June 3, 1968
6. The probable or intended date of commencement and completion of the well* or wells*
May 29, 1968
7. The location, type, size and depth of well or wells contemplated an excavation approximately 30' x 18' deep to be located in SW 1/4 Sec. 34, T. 19, R. 17 East, M.P.M.
8. The probable or estimated depth of the water table or artesian aquifer 8'
9. Name, address and license number of the driller engaged Herbert Tindall (contracter-work will be done with drag line).
10. Give such other similar information as may be useful in carrying out the policy of this act gasoline pump will pump the seepage water from the excavation to an existing ditch and then to the land to be irrigated.



SW 1/4 Sec. 34 T19 R17

Locate well or other means of development as accurately as possible on the plat.

Norman Bros.
Signature of Appropriator B. Martin Norman

Date May 29, 1968

* As defined in the Code Sec. 1 (c) "Well" means any artificial opening or excavation in the ground, however made, by which groundwater can be obtained or through which it flows under natural pressures or is artificially withdrawn."

Three copies of this notice are to be filed with County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

44180

82821

Copy

State of Montana, } ss.
County of Park

Filed MAY 29 1968

at 2:25 o'clock P.M.

May R. R. R.
County Clerk and Recorder

2200 ft

CONTAINING WATER RIGHTS
RECEIVED

File No.

32804

T. 19 N. R. 17 E.

DUPLICATE

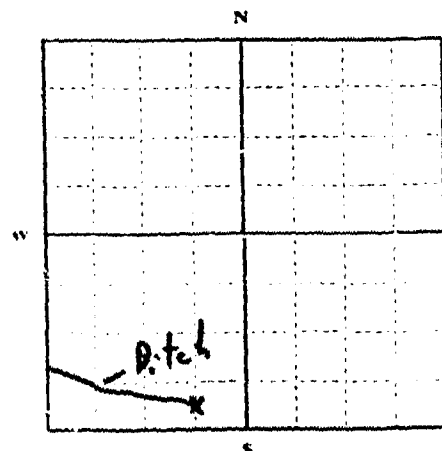
County Fergus

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

**Notice of Completion of Groundwater Appropriation
Without Well**

Developed After January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961)



SW 1/4 Sec. 34 T. 19N R. 17E.

Indicate point of appropriation
and place of use, if possible.

Date of Appropriation of Groundwater June 10, 1968
Owner Norman Brothers Address Winifred, Montana
Contractor (if any) Herbert Tindall
Address of Contractor Lewistown, Montana
Date Started June 3, 1968 Date Completed June 3, 1968

- 1) Describe means of obtaining groundwater (as by sub-irrigation, developed spring, drains, etc.) An excavation has been dug and a gasoline pump will pump the water from the excavation into an existing ditch and then to the place of use.
- 2) Means of withdrawing water (gravity, pump, canal, etc.) Gasoline pump.
- 3) Depth of water table 8ft.
- 4) Use of the water Stock watering and irrigation
- 5) Amount of groundwater claimed (in miner's inches, or gallons per minute) 250 miner's inches
- 6) If used for irrigation, give number of acres and description of land 400 acres in Sections 28, 29, 33 and 34 of Township 19 North, Range 17 East M.P.M.
- 7) Estimate amount of water used each year Unknown at present

Signature of Owner Martin Bros. by Martin Norman

Date June 12, 1968

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

49,230

32909 COP.

State of Montana, } ss.
County of Fergus }

Filed JUN 12 1968 79
at 2:30 o'clock P.M.

May Glendon
County Clerk and Recorder

* 202 pd

File No. **17757**T. **19** R. **17**

DUPLICATE

County **FERGUS**

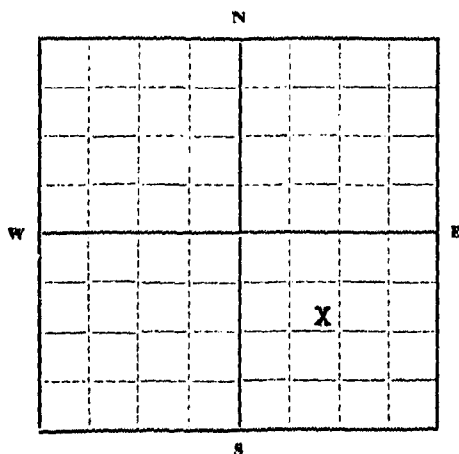
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

JAN 3 1964
STATE ENGINEER

1. **HENRY VAN HAUR** of **DANVERS**
(Name of Appropriator) (Address) (Town)
County of **FERGUS** State of **MONTANA**
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



1/4 Sec. 34, T. 19 R. 17

Indicate point of appropriation
and place of use, if possible.
Each small square represents 10
acres.

2. The beneficial use on which the claim is based.....
stock water
3. Date or approximate date of earliest beneficial use; and how continuous the use has been. **About June 1960 and used continuously since;**
4. The amount of groundwater claimed (in miner's inches or gallons per minute).....
About 5 gallons per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
Not applicable
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.....
Flowing spring; spring located in Southeast Quarter of the Northwest Quarter of the Southeast Quarter of said Section 34
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. **About June, 1960**
8. The depth of water table..... **Comes to surface**
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater..... **Spring cleaned and dug out to increase natural flow, boxed with wood with 1 1/2" pipe out; flows about 100' West into water hole and thence down coulee into dam in the Southwest Quarter of the Southeast Quarter of said Section 34, all used for stock water**
10. The estimated amount of groundwater withdrawn each year..... **about 2,500,000 gallons per year**
11. The log of formations encountered in the drilling of each well if available.....
not applicable
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.....
none

Signature of Owner..... **HENRY VAN HAUR**

Date..... **DECEMBER 31, 1963**

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

19200

17757

State of Montana, } ss.
County of Fergus.

COPY

Filed DEC 31 1963 19
at 2:40 o'clock P. M.
8200
p. d. MAY RATHBUN
County Clerk and Recorder

Page 1 of 1

County Fergus Twp. 1970 Rge. 18E

[illegible]

County.....Fergus

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amended)

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Owner Lyle F. Clow

Address W. of Suffolk

Date well started Dec. 31, 1970

completed Jan. 3, 1971

Type of well Drilled

(Dug, driven, bored or drilled)

Equipment used Rotary

(Churn drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☒ Irrigation ☐

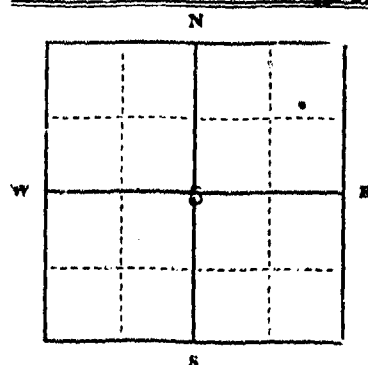
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn: ☐

***Describe**

USE: If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block and Addition).

ESTIMATED ANNUAL WITHDRAWAL 110,000 gals.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
7-7/8		0	38			
5-5/8		38	110			
	6-5/8 OD	1'				
	6 1/2 ID	above				
	14#	gr.	38	2 holes	40	110
	4 1/2 OD 4 ID	2'				
	PVC PL.	above				
		gr.	110			



Static water level 6 ft.*
Pumping water level 69 ft.*
at 20 gallons per minute,
measured minutes after pumping
began.

*Measured from ground level.
Well developed by 4
for 2 hours.

Power elec Pump 1/3 HP
Remarks: (Gravel packing, cementing,
packers, type of shutoff) _____

NE ¼ NE ¼ Sec. 5
T. 19 N. R. 18 E.
S. X. W.

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE.
EACH SMALL SQUARE REPRESENTS 40 ACRES. (1)

Driver's Signature

Driller's Address Rte. 2, Box 4 Lewistown, Montana

LICENSE NO.19

DRILLER'S LOG

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

Top of Ground

(Elev. above sea level)

From (Feet)	To (Feet)	
0	1	Topsoil
1	19	Yellow Clay
19	35	Gravel
35	38	Yellow Rock
38	45	Yellow Clay
45	60	Grey sandy shale with Hard Sandstone Streaks
60	70	Grey sandstone - Water
70	110	Sandy shale

110

Show exact depth of bottom

48075

4083

0084

State of Montana. } ss.
County of Fergus. }

Filed JAN 20 1971 19
at 8:00 o'clock A. M.

Wesley Rothman
County Clerk and Recorder

Wesley

File No. 29804T. 19 N R 18 E

DUPLICATE

STATE WATER CONSTRUCTION BOARD

County Bozeman

LOG

JUN 23 1967

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Top of Ground

(Elev. above sea level)

0 1 Topsoil
1 15 Sand
15 21 Gravel
21 55 Yellow sand Some Water 55'
55 64 Grey shale
64 65 Hard rock Water
65 73 Soft sandstone
73 80 Hard shale
80 94 Sandy shale
94 95 Hard rock Water
95 104 Soft Sandstone
104 115 Shale

Notice of Completion of Groundwater
Appropriation by Means of Well

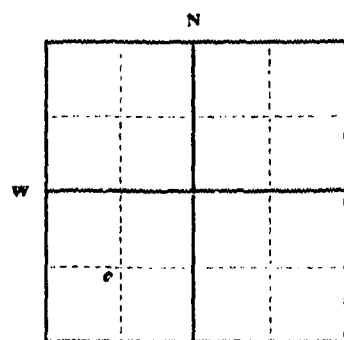
DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Owner George Jimmerson Address Suffolk, MontanaDriller George O. Singley Address Lewistown, MontanaDate of Notice of appropriation of groundwater NoneDate well started May 24, 1967 Date completed May 24, 1967Type of well Drilled Equipment used Rotary
(Dug, Driven, bored or drilled) (Churn drill, rotary or other)Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐
Industrial ☐ Drainage ☐ Other ☐

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
7-7/8		0	22			
5-5/8		22	115	4x1/2" slots	93	104
	4" OD 4" ID Plastic	Above ground 1'	115		64	75
					50	60



Static Water Level for non-flowing well

35 feet.Shut-in Pressure for Flowing Well 0Pumping Water Level 80 feetat 15 gal. per minute.

Discharge in gal. per min. of flowing well

0How Tested BailingLength of Test 1 hr.

Remarks: (Gravel packing, cementing, packers, type of shutoff)

NE corner
SW 1/4 Sec. 9 T. 19 N. R. 18 E.
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

(Continue on reverse side)

USE—If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e.: Lot, Block and Addition).

Show exact depth of bottom.

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, tissue copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

19
Driller's License Number

Driller's Signature
George Singley
7-2-67

39804

COPY

State of Montana, }
County of Fergus, }
Filed JUN 22 1967
at 2:05 o'clock P.M.
May Rathbun
County Clerk and Recorder

#2078

File No. **17680**

DUPLICATE

T. **19** R. **18**County **Fergus**STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER**Notice of Completion of Groundwater
Appropriation by Means of Well**

(Under Chapter 237, Montana Session Laws, 1961)

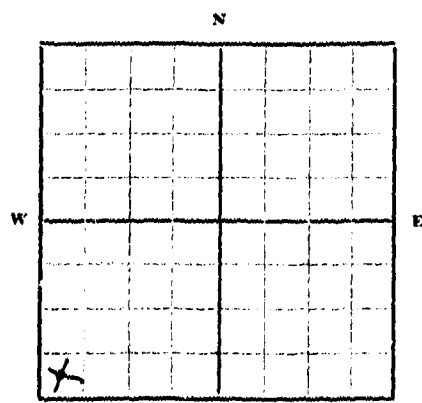
Top of Ground
(Elev. above sea level)

0 1 Topsoil
1 10 Yellow clay
10 11 Gravel
11 40 Sandy clay yellow
40 47 Dark grey shale
47 65 Yellow sandy shale
65 80 Yellow sandstone
80 100 water 70-75'
Gray sandrock

Owner **Gerald Jimmerson** Address **Hilger, Montana**Driller **George G. Singley** Address **Levistown, Montana**Date of Notice of Appropriation of Groundwater **None**Date well started **Aug. 15, 1962** Date Completed **Aug. 18, 1962**Type of well **Drilled** Equipment Used **Cable Tool**
(dug, driven, bored or (Churn, drill, rotary or
drilled) other)Water Use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐
Industrial ☐ Drainage ☐ Other ☐

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	5" plastic	0	100	Holes 1"	65	85



SW 1/4 SW Sec. 18 T19 R18

Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom.

Static Water Level for non-flowing Well **60** feet.

Shut-in Pressure for Flowing Well

Pumping Water Level **60** feet at **50** gal. per minute.

Discharge in gal. per min. of flowing well

How Tested **Bailing** Length of Test **1 hr.**

Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of

acres irrigated, if used for irrigation)

Rubber pack r. at above perforations.

Driller's License Number **19**Driller's Signature **George G. Singley**

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

17680

State of Montana. } ss.
County of Fergus.

COPY

Filed DEC 31 1963
at 2:42 o'clock P. M.
#25 Col. MAY RATHBUN
County Clerk and Recorder

T. 19 N R 1 E 21

County FERNANDS

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED

WATER WELL LOG

STATE ENGINEER

CHARLES L. HENDERSON

CHRISTINA,

Owner HAROLD M. HENDERSON

Address MONTANA

Driller H. MISCAMOLE

Address HEATH, MONTANA

Date Started ABOUT JULY 1, 1960

Date Completed JULY 15, 1960

Location: Sec. 21 T. 19 R. 18 1/4 sec. S.E. 1/4

Type of well BORED
(Dug, driven, bored, or drilled)

Equipment used ROTARY
(Churn drill, rotary, other)

Water use: Domestic ☐

Municipal ☐

Stock ☒

Irrigation ☐

Industrial ☐

Drainage ☐

Other:

Casing: 281 ft. to

Type CD GALVANIZED Size 1 1/2

Casing: ft. to

Type Size

Casing: ft. to

Type Size

Perforated or Screened: Ft. 213.4 to ft. 278.4 Ft. to ft.

Type of screen or perforations SLOTS 1/4 X 1/4"

Static Water level, for non-flowing well: 208 feet.

Shut-in pressure, for flowing well: lb./sq. in. on: (date)

Pumping water level 218 feet at 3 gal. per min.

How tested: BALET

Length of test: 2 HOURS.

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

(over)

Log of Well

Depth, feet		Description of Material Drilled
From	To	
0	30	SHALE LIGHT YELLOW
30	50	SAND DRY
50	80	COAL AND SHALE MIXED
80	105	SAND AND SHALE DRY
105	232	COAL SHALE WITH TARD SEAMS 1 TO 3 FT. THICK
232	277.4	SAND WITH SHALE SEAMS.

COPY

3134

State of Missouri,
County of Boone

Filed

2.57

My *Boone*
County Clerk and Recorder

8/02

File No. 16973T. 19 R. 18

DUPLICATE

County Fergus

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 23 1963

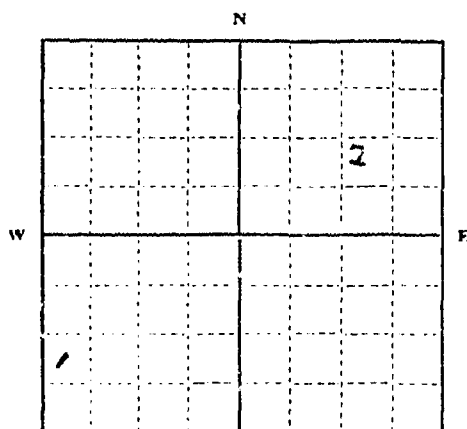
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Raymond Stoneman, of Christina
(Name of Appropriator) (Address) (Town)

County of Fergus State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



2 SE 1/4

1 SW 1/4 Sec. 25 T. 19 R. 18

Indicate point of appropriation
and place of use, if possible. Each
small square represents 10 acres.

2. The beneficial use on which the claim is based Stock
water
3. Date or approximate date of earliest beneficial use; and how continuous the use has been June 1961 Continuous
4. The amount of groundwater claimed (in miner's inches or gallons per minute) Don't know the amount
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof None
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Stock Reservoir
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater June 1961
8. The depth of water table Surface
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 10 ft. deep dug with d. 20"
10. The estimated amount of groundwater withdrawn each year Runs continuously
11. The log of formations encountered in the drilling of each well if available None
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record None

Signature of Owner

Raymond Stoneman
Date 12/20/63

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

1390

16973

COPY

State of California } ss.
County of Fresno }

Filed DEC 20 1963 19____
at 2:15 o'clock P.m.

Wm. R. Rethman
County Clerk and Recorder

#209 pt

File No. 17228

DUPLICATE

T. 19 N., R. 18 E.

County Fergus

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 2 1964

Declaration of Vested Groundwater Rights

STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

Charles L. Knudson

1. Harold N. Knudson

(Name of Appropriator)

of Boy 67.

(Address)

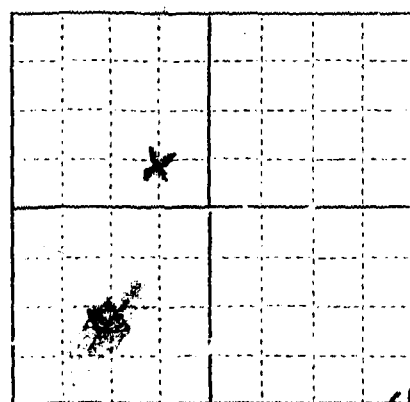
Christina

(Town)

County of Fergus

State of Montana

have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



① SE 1/4 SE 1/4 N.W. 1/4 Sec. 28 T. 19 R. 18

② S.W. 1/4 N.E. 1/4 S.W. 1/4 Sec. 28
Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based

① Stock water House and Irrigate Garden

② Stock water

3. Date or approximate date of earliest beneficial use; and how continuous the use has been

① Approximate date 1910.

② July 30, 1952 Continuous

4. The amount of groundwater claimed (in miner's inches or gallons per minute)

① 17 gallons per minute

② 15 gallons per minute

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal

① S.E. 1/4 SE 1/4 N.W. 1/4 Sec. 28 T. 19 R. 18 Electric Pump

② S.W. 1/4 NE 1/4 SW 1/4 Sec. 28 T. 19 R. 18

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater

8. The depth of water table ① 14 feet ② 50 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater

① 17 feet deep

② 65 feet deep

10. The estimated amount of groundwater withdrawn each year ① 350,000

② 200,000

11. The log of formations encountered in the drilling of each well if available

① Water in Sandstone

② None available

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Charles L. Knudson
Signature of Owner Harold N. Knudson
by Harold Knudson - Partner.
Date Dec. 30, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

17160

17228

COPY

State of Montana, }
County of _____ }

DEC 30 1900

Filed

19

at 10:05 o'clock A. M.

May Rether
County Clerk and Recorder

a 200/21.

File No.

17051

T. 19 R. 18

DUPLICATE

County Fergus

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

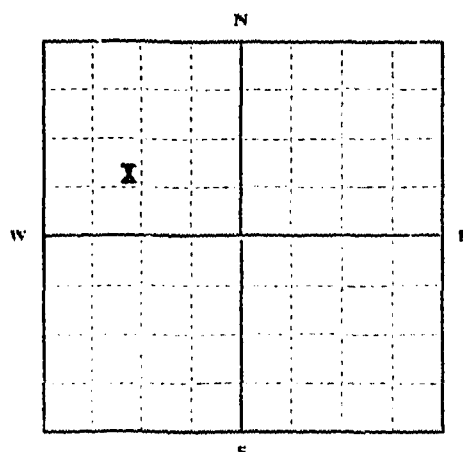
RECEIVED
DEC 27 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Charles P. & Virginia R. Delaney, of 313 Hawthorne Ave., Lewistown
(Name of Appropriator) (Address) (Town)
County of Fergus State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE 1/4 Sec 30 T. 19 R. 18

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based
Stock water
3. Date or approximate date of earliest beneficial use; and how continuous the use has been Year 1900. Continuously until 1938, when a dam was built, so since then, well is used whenever the dam goes dry
4. The amount of groundwater claimed (in miner's inches or gallons per minute) Used for 100 head of cattle
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
*** none
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
Pump with gasoline engine
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Well was dug in 1900, and walled up about 1930.
8. The depth of water table About 36 feet or more
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater About a 40 foot well, 3 1/2 feet diameter, rock walled
10. The estimated amount of groundwater withdrawn each year Supplies water for 100 head stock
11. The log of formations encountered in the drilling of each well if available
none
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record -----

Signature of Owner

Date

12/26/1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

13270

17051

COPY

State of Montana, } ss.
County of Fergus }

DEC 26 1963

Filed

19

at 1:45 o'clock P. M.

Larry G. Galt
County Clerk and Recorder

*2nd pt.

File No. **17048**T. **19** R. **18**

DUPLICATE

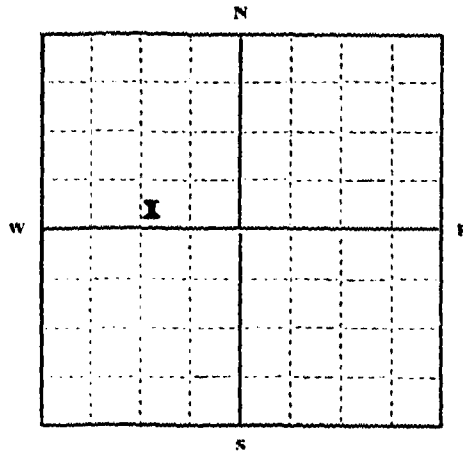
County **Fergus**

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. **Charles P. & Virginia R. Delaney**, of **315 Hawthorne Ave., Lewistown**,
(Name of Appropriator) (Address) (Town)
County of **Fergus** State of **Montana**
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE 1/4 Sec 31 T. 19 R. 18

Indicate point of appropriation
and place of use, if possible. Each
small square represents 10 acres.

2. The beneficial use on which the claim is based **Stock water, domestic use occasionally.**
3. Date or approximate date of earliest beneficial use; and how continuous the use has been **1954; continuous**
4. The amount of groundwater claimed (in miner's inches or gallons per minute) **Used for 200 head cattle; supply seems unlimited.**
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof **not used for irrigation**
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal **windmill and electric pump system**
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater **1954**
8. The depth of water table **About 35 feet**
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater **brick-walled well, three and one-half feet diam., and thirty-eight feet deep. Pump, electric; windmill.**
10. The estimated amount of groundwater withdrawn each year **for as many as 200 hd. cattle**
11. The log of formations encountered in the drilling of each well if available **blue shale, a little rock, and sort of sand rock in the bottom.**
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record **vital for stock**

Signature of Owner *Virginia R. Delaney*Date **12/26/63**

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

10267

17048

COPY

State of Montana, } ss.
County of Fergus }

Filed DEC 26 1963 19

at 1:45 o'clock P. M.

Wm. R. Ralston
County Clerk and Recorder

200 per

RECEIVED
DEC 30 1963

STATE ENGINEER

111 Hawthorne Ave.
Leadsden, Montana
December 28, 1963

Montana State Engineer
Helena, Montana

Dear Sir:

In regard to recent ground water rights filing, we find that we may have a section number wrong on one of our papers sent to you. If so, it is the one on which the location description is written in with ink, and the original filing number here is 17048, file d on December the 26th, 1963, Fergus County.

The correct location should read: NE $\frac{1}{4}$..Sec. 31. T. 19..R. 13.

We would be happy to have you check to see if we had entered the section number correctly. Thank you.

Very truly yours,

Charles P. Delaney
Charles P. Delaney

Virginia R. Delaney
Virginia R. Delaney

P.S. We would like you to correct this number if it is in error.

File No. 17288T. 49 R. 49

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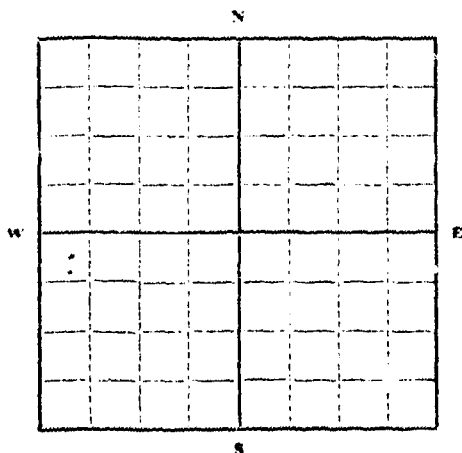
County Fergus

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Samuel K. Phillips of Leontown, Montana
(Name of Appropriator) (Address) (Town)
County of Fergus State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NW 1/4 Sec. 22 T. 19. R. 49.

Indicate point of appropriation
and place of use, if possible.
Each small square represents 10
acres.

2. The beneficial use on which the claim is based House & Livestock, & Irrigation.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1956 - all the time.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 1000 gallons per minute.

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof 1 acre.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal By pump and siphon.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1956.

8. The depth of water table 20 feet.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater This well was drilled in 1956 for the use of house hold purposes, and also for livestock. The depth was 60 feet and the well was sunk casing was used.

10. The estimated amount of groundwater withdrawn each year 100,000 gallons.

11. The log of formations encountered in the drilling of each well if available No.

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record No.

Signature of Owner Samuel K. PhillipsDate Nov. 30, 1962

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

17288

COPY

State of Montana, } ss.
County of Fergus }

FILED DEC 20 1963 19
at 2:00 P.M.

May Lathen
County Clerk and Recorder

\$2.00-*pd*

File No. **16936**T. **19** R. **18**

DUPLICATE

County **Fergus**

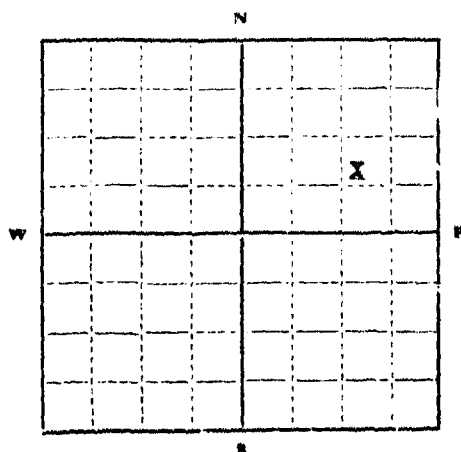
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED
DEC 20 1963
STATE ENGINEER

1. **DONALD W. MEEHAN** of **Christina**
(Name of Appropriator) (Address) (Town)
County of **Fergus** State of **Montana**
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NW 1/4 NE Sec. 35 T. 19 R. 18

Indicate point of appropriation
and place of use, if possible.
Each small square represents 10
acres.

2. The beneficial use on which the claim is based.....
stock and domestic use
3. Date or approximate date of earliest beneficial use; and how continuous the use has been..... **approximately 1900 - continuously**
4. The amount of groundwater claimed (in miner's inches or gallons per minute) **flowing spring - runs 1" pipe continuously pump -- all domestic use and all stock water**
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof.....
not used for irrigation
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.....
flowing spring - pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater..... **in flowing springs have been in use since 1900 -- shallow well drilled in 1945**
8. The depth of water table..... **well - 10 feet spring 4 feet**
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater..... **3 feet diameter 10 feet deep - spring 5 feet**
10. The estimated amount of groundwater withdrawn each year..... **supplies all water for domestic and livestock uses**
11. The log of formations encountered in the drilling of each well if available.....
none
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record..... **none**

Signature of Owner *Donald W. Meehan*Date **Dec. 19, 1963**

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.